

BRUSHTEYN, B.Ye., kandidat tekhnicheskikh nauk, dotsent; DEMENT'YEV, V.I.,
kandidat tekhnicheskikh nauk, dotsent; IGNAT'YEV, N.V., kandidat
tekhnicheskikh nauk, retsenzent; AVRUTIN, S.Y., dotsent, redaktor;
RZHAVINSKIY, V.V., inzhener, redaktor; RAKOV, S.I., redaktor.

[Lathework] Tokarnoe delo. Izd.3., perer. i dop.. Moskva, Trudreserv-
isdat, 1953. 446 p.
(Turning) (MIRA 7:7)

AVRUTIN, S.V.; SASOV, V.V., dotsent, kandidat tekhnicheskikh nauk, redaktor.

[Milling] Prezernoe delo. Izd. 2., perer.i dop. Moskva, Trudrezervizdat,
1953. 463 p.
(MLRA 7:3)
(Milling machines)

AVRUTIN, Sergey Vladimirovich; PANTELEYEV, A.A., inzhener, redaktor; RZHA-
VIESKIY, V.V., inzhener, redaktor; KOPTEVSKIY, D.Ya., redaktor;
OSTRIROV, N.S., tekhnicheskij redaktor.

[Milling] Prezernoe delo. Izd. 3-e, perer. S dop. Moskva, Vneshoin-
noe uchebno-pedagog. izd-vo, Trudrezervisdat, 1955. 490 p.
(Milling machines) (Metal cutting) (MLRA 8:6)

25(1)

PHASE I BOOK EXPLOITATION

SOV/1583

Avrutin, Sergey Vladimirovich

Frezernoye delo (Milling) 4th ed., rev. and enl., Moscow, Trudreservizdat, 1958.
541 p. 65,000 copies printed.

Ed.: F.V. Rogachev; Tech. Ed.: M.N. Person,

PURPOSE: This book is to be used as a manual in technical and trade schools as well as in courses designed to upgrade the qualifications of machine operators.

COVERAGE: The book deals with various aspects of milling, from the theoretical concepts of cutting, to the performance of complex operations on special machinery. The fundamental principles of setting up and running the milling machine for simple cuts are explained and illustrated with graphs and diagrams. A description is given of standard Soviet and foreign-made machinery currently used in Soviet industry. The last few chapters of the book are devoted to a discussion of production problems and the economic aspects of parts machining on a production basis. The author thanks N.I. Obshalko, Engineer, for his assistance in the review of Chapters XII and XXXI. There are 15 Soviet references.

Card 1/11

Milling

sov/1583

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GAVRILOV, Anatoliy Nikolayevich; MYUYR, Valentin Nikolayevich; POLLAKOV,
N.I., prof., rotsenzenz; GALIN, M.T., kand. tekhn. nauk, rotsenzenz;
AVRUTIN, S.V., dots., red.; SALYANSKIY, A., red. izd-va; UVAROVA,
A.Y., tekhn. red.

[Resources and methods for increasing labor productivity in the
manufacture of instruments] Reservy i puti povysheniiia proizvodili-
tel'nosti truda v priborostroenii. Moskva, Gos. nauchno-tekhn.
izd-vo mashinostroit. lit-ry, 1958. 642 p. (MIRA 11:10)
(Instruments)

PROSKURYAKOV, Andrey Vladimirovich; MEL'NIKOV, M.P., inzh., retsenzent;
TSIKURIN, N.V., kand.tekhn.nauk, retsenzent; AVRUTIN, S.V.,
dotsent, red.; BARYKOVA, G.I., red.izd-va; SMIRNOVA, G.V., tekhn.red.

[Technological and economic bases for standardizing and universal-
izing machine-tool attachments] Tekhniko-ekonomiceskie osnovy
normalizatsii i universalizatsii prispособлений. Moscow, Gos.
nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 159 p. (MIRA 12:12)
(Machine tools--Attachments)

AVRUTIN, Sergey Vladimirovich; RYCHEK, T.I., red.; PERSON, M.N.,
tekhn.red.

[Fundamentals of milling operations] Osnovy frezernogo dela.
Izd.2., perer. i dop. Moskva, Vses.uchebno-podagog.izd-vo
Proftekhizdat, 1960. 311 p. (MIRA 13:9)
(Milling machines) (Metal cutting)

AVAKUTIN, S. V.

TABLE I BOOK INFORMATION SUBJECT:

Arrested: V. V. Kudinov; Ye. D. Melikyan; Candidate of Technical Sciences; V. P. Voznesenskiy Candidate of Technical Sciences;	
V. P. Kudinov, Engineer; V. M. Radinskii, Engineer;	
S. T. Kudinov, Candidate of Technical Sciences; V. I. Korshunov, Engineer;	
A. G. Kozlikov, Candidate of Technical Sciences; V. M. Matyushin, Doctor of Technical Sciences; V. V. Gattarov, Candidate of Technical Sciences; V. P. Pavlenko, Candidate of Technical Sciences;	
I. A. Kostylev, Candidate of Technical Sciences; M. N. Savarin, Candidate of Technical Sciences; O. N. Sazanov, Candidate of Technical Sciences; V. V. Solntsov, Doctor of Technical Sciences; V. V. Timkov, Doctor of Technical Sciences.	
Apparatus metallurgy ⁵ (Metallurgist's Handbook, v. 2) Moscow: Mashgiz, 1960. 1,108 p. 150,000 copies printed.	
Editorial Council: N. S. Afanasev (Chairman and Chief Editor), Doctor of Technical Sciences; Professor; V. S. Vinogradov (Deceased), A. V. Mel'nikov, S. M. Rodnitskaya, A. N. Rostovtsev, G. B. Stolbov and S. A. Chernavskiy; A. M. Malov, Ph. of Publishing House; M. I. Gil'dman, Head of Tech. Ed.; V. P. Sosulin, Manager; V. N. Monastyrskiy, Literature (Manager); I. M. Monastyrskiy, Engineer.	
Response: This handbook is intended for process engineers, designers, chemists, and other workers in the metallurgical industry.	
Contents: The handbook deals with such metalworking processes as turning, machining of holes, cutting with reciprocating tools, milling, threading, gear cutting, burnishing, grinding, lapping and finishing. Data are presented primarily in tabular form and are illustrated by drawings and diagrams. No personalities are mentioned. There are no references.	
II. Machining of Holes (E. P. Puchkin, L. A. Borodetskaya, and Z. N. Ryabchikova, and Z. N. Ryabchikova)	
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VI. Gear-Gear Cutting (S. P. Kartsev, V. M. Matyushin, T. N. Gerasimov, V. P. Kudinov, and O. M. Matveev)	700
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Gear-shaper cutters (V. M. Matyushin)	737

Card 7/21

AVRUTIN, S.V.; OGLOBLIN, A.N., dots., retsenzent; IVANOVA, N.A.,
red. izd-va; EL'KIND, V.D., tekhn. red.

[Efficient work of a milling machine operator] Ratsional'naya
rabota frezerovshchika. Izd.6., perer. i dop. Moskva, Mash-
giz, 1962. 309 p. (MIRA 15:10)
(Milling machines) (Metal cutting)

AVRUTIN, Sergey Vladimirovich; RZHAVINSKIY, V.V., red.

[Milling] Frezernoe delo. Izd.5., perer. i dop. Mo-
skva, Proftekhnodat, 1963. 541 p. (MIRA 17:5)

GOLOSOV, S.I., inzh.; PIROGOV, G.S., inzh.; AVRUTIN, V.S., inzh.

Crushing of coal during its transfer to lower levels through chutes.
Ugol' 34 no.9: 45-46 S '59. (MIRA 12:12)

1. Kuzbassgiproshkht.
(Coal handling)

AVRUTIN, Yu., inzh.

Use of built-up roofs in southern regions of the U.S.S.R.
Zhil. stroi. no.10;13-15 '64. (MIRA 18:4)

AVRUTIN, Yu., inzh.

Reinforced concrete roofs for apartment houses. Zhil.stroj.
no.4/5:47-49 '58. (MIRA 12:6)
(Roofing, Concrete)

AVRUFIN Ye.

KUZNETSOV, G.F.; KHLUSOV, I.Ye., kand.tekhn.nauk; SHOLOKHOV, V.G., inzh.
Prinimali uchastiye: AKBULATOV, Sh.F., kand.tekhn.nauk;
KRICHINSKIYA, Ye.I., kand.tekhn.nauk; DOROKHOV, A.N., inzh.;
NIKIFOROV, I.A., kand.tekhn.nauk; BOGDANOV, B.N., inzh.; AVRUTIN,
Yu.Ye., inzh.; VISHNEVSKIY, N.D., inzh.; ARIYEVICH, B.M.,
kand.tekhn.nauk; LEVITAN, Ye.F., inzh.; TUPOLEV, M.S., prof.,
doktor arkhitektury. TEMKIN, L.Ye., inzh., red.; KHAVIN, B.N.,
red.izd-vu; BOROVNEV, N.K., tekhn.red.

[Temporary instruction (SN 51-59) for planning and constructing
combined roofs of residential and public buildings] Vremennye
ukazaniia po proektirovaniu i ustroistvu sovmeshchennykh krysh
(pokrytii) zhilykh i obshchestvennykh zdanii (SN 51-59). Moskva,
Gos.izd-vu lit-ry po stroit., arkhit. i stroit.materiamam, 1959.
34 p. (MIRA 13:1)

(Continued on next card)

KUZNETSOV, G.F.---(continued) Card 2.

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva. 2. Nauchno-issledovatel'skiy institut stroitel'noy fiziki i ogranzhdayushchikh konstruktsiy Akademii stroitel'stva i arkhitektury SSSR (for Kuznetsov, Khlusov, Sholckhov).
3. Direktor Nauchno-issledovatel'skogo instituta stroitel'noy fiziki i ogranzhdayushchikh konstruktsiy Akademii stroitel'stva i arkhitektury SSSR; deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Kuznetsov). 4. Nauchno-issledov.institut zhilishche (for Akbulatov, Krichevskaya). 5. Nauchno-issledov.institut proektirovaniya Akademii stroitel'stva i arkhitektury SSSR (for Dorokhov).
6. Nauchno-issledov.institut po stroitel'stu Minstroya RSFSR (for Nikiforov). 7. Gorstroyprojekt (for Bogdanov). 8. Mosproyekt (for Avrutin, Vishnevskiy). 9. Akademiya kommunal'nogo khozyaystva im. K.D. Pamfilova (for Ariyevich, Levitan). 10. Moskovskiy arkhitekturnyy institut (for Tupolev). (Roofs, Concrete)

AVRUTIN, Yu.Ya.; TESLMR, P.A., nauchnyy red.; YUDIROVA, T.N., red.izd-va;
SHKRSTNEVA, N.V., tekhn.red.

[Reinforced-concrete roofs for apartment and public buildings]
Zhelezobetonnye kryshi shilykh i obshchestvennykh zdanii.
Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materiam.,
1961. 190 p. (MIRA 14:3)
(Roofing, Concrete)

AVRUTIN, Yuliy Yefremovich, inzh.; KRICHESKAYA, Yelizaveta
Iosifovna, kand. tekhn. nauk; LEVITAN, Yefim Petrovich,
kand. tekhn. nauk; TUPOLEV, Mikhail Sergeyevich, doktor
arkhitekt; FOLMIN, Aleksandr Ivanovich, doktor tekhn.
nauk;

[Precast reinforced concrete roofs for large-scale
construction] Sbornye zhelezobetonnye kryshi dlia masso-
vogo stroitel'stva. [By] IU.E.Avrutin i dr. Moskva, Stroi-
izdat, 1965. 222 p. (MIRA 18:4)

AVRUTIS, B. M.

32794. AVRUTIS, B. M.; KANTOROVICH, N. V.; i KOVALEV, A. I. Lechye niye psichonevrotikov na kurorte koyshira, sbornik nauch.-trudov (Kirgiz. Gos. Med. In-t), T. IV, 1949, s. 66-72

SO: Letopis' Zhurnal'nykh Statey, Vol. 44, Moskva, 1949

AVRUTOVA, Kh. Z.

7

Removal of small amounts of tetrathyl lead from air.
Kh. Z. Avrutova, K. P. Trivalova, and N. Ye. Khlopin
~~(Dzhurin, Molotov)~~, Gigiena i Sanit. 1934, No. 3,
50-1.—A satisfactory method for extn. of small concns. of
Et₄Pb in air sampling is to absorb the substance in a soln.
of 11.000 g. KI and 10.98 g. I in 100 ml. H₂O contained in a
train of 3 absorption bulbs. The detn. proper is then run
polarographically in 2N KCl.

RA
9-20-54

AVRUTOVA, KH. Z.

7
8

✓1024. Polarographic determination of nickel with
calcium chloride as supporting electrolyte. K. I.

Privalova, Kh. Z., Avrutova, and N. Ya. Klopkin

(Molotov. ~~Ural'sk~~ ~~Kazan~~ Epidemic Station).

Zhur. Khim., 1955, 21 (6), 675-677.—Small additions
of KSCN (0.05 ml of 1 M per 1 ml of 30 per cent.
 CaCl_2 solution) or pyridine (0.05 ml of 0.8 M)
improve the shape of the polarographic wave of Ni
in CaCl_2 and produce a linear relationship between
the concn. and the diffusion current. The wave due
to Cd is almost completely suppressed when pyridine
is present. Thus Ni can be determined in the
presence of Cd.

G. S. SWITH

PM pA

BARYSHEV, P.A.; MORIOVINA, A.V.; AVRUTSEVICH, O.P.

Glazing materials and concentrated primers for leather finishing.
Kozh.-obuv. prom. 2 no. 11:37-38 N '60. (MIRA 13:12)
(Leather) (Finishes and finishing)

KASSIRSKIY, G.I. (Moskva B-140, Krasnoprudnaya ul., d. 26/1, kv.52)
AVRUTSKAYA, G. Ya.

Phonoradiographic symptomatology in interventricular septal defect in comparison with hemodynamic data (in patients with a left-to-right blood shunt). Grudn. khir. 5 no.4:16-20
Jl-Ag'63 (MIRA 17:1)

1. Iz laboratori funktional'noy diagnostiki (zav. - kand. med. nauk G.G. Gel'shteyn) Instituta serdechno-sosudistoy khirurgii (dir. - prof. S.A. Kolesnikov, nauchnyy rukovoditel' akademik A.N. Bikulev) AMN SSSR.

AUTHORS:

Avrutskaya, I. A., Khomjakov, V. G.,
Piushkin, N. Ya.

S/076/60/034/03/034/038
B005/B016

TITLE:

Reduction of Nitrocyclohexane on the Dropping Mercury Cathode

PERIODICAL: Zhurnal fizicheskoy khimii, 1960, Vol 34, Nr 3, pp 691-692 (USSR)

TEXT: In connection with the investigation of the electrochemical reduction of nitrocyclohexane the authors studied the reduction of this compound on a dropping mercury electrode. Measurements were carried out on PE-312²⁸ and M-103²⁹ polarographs. A saturated calomel electrode was used as an auxiliary electrode. As nitrocyclohexane is poorly soluble in water, 20% alcoholic solutions were investigated. The buffer mixtures used for the adjustment of various pH ranges are given. Figure 1 shows the polarogram of nitrocyclohexane in a solution of Na₂HPO₄ and citric acid with pH 2.2. At pH 1 - 4 only one wave occurs which corresponds to the reduction of nitrocyclohexane to cyclohexyl hydroxylamine. At pH 5 - 7 a second wave appears in the polarogram, which does not occur in stronger acid solutions owing to hydrogen separation. The second wave has only about half the strength of that of the first wave; the acceptance of two electrons corresponds to it according to the Ilkovitch equation. The second wave therefore corresponds to the reduction of cyclohexyl hydroxylamine to cyclo-

Card 1/3

Reduction of Nitrocyclohexane on the Dropping
Mercury Cathode

S/076/60/034/03/034/038
B005/B016

hexylamine. At pH 9 - 11 again only the first wave appears. The second polarographic wave of nitrocyclohexane is thus stable only in a small pH range. At pH 11 - 12 the limiting current of the first wave begins to drop gradually, and in 0.1 N potassium hydroxide nitrocyclohexane is not reduced any longer on the dropping mercury electrode. This reduction of the diffusion current is obviously due to a tautomeric transition of the nitro compound occurring in molecular form in alkaline medium to the anionic form of a pseudo-acid, which is not reduced at the attainable potentials. In the electrochemical reduction of nitrocyclohexane on cathodes of platinum, copper, and lead in acid solutions the authors obtained cyclohexyl hydroxylamine as reaction product in a wide pH-range. The oxime of caprolactam could not be detected among the products. The reason for this phenomenon is the impossibility of stopping the reduction process at the stage of nitroso-cyclohexane from which the oxime of caprolactam results by rearrangement (Ref 3). The potentials at which nitroso-cyclohexane is reduced are less negative than in the case of nitrocyclohexane; it is therefore not concentrated in the solution, but is further reduced to give cyclohexyl hydroxylamine. The rate of this reduction is evidently higher than the rate of rearrangement, so that the wave of reduction to nitroso-cyclohexane does not

Ca Card 2/3

31477
S/080/61/034/012/016/017
D243/D305

53610 2209

AUTHORS: Khomyakov, V.G., Fioshin, M.Ya., Avrutska, I.A., and
Shih-chi, Ye.

TITLE: The electrochemical synthesis of cyclohexylhydroxyl-
amine

PERIODICAL: Zhurnal prikladnoy khimii, v. 34, no. 12, 1961,
2788 - 2791

TEXT: Cyclohexylhydroxylamine is not produced on an industrial scale at present, but may serve as an intermediate product in the synthesis of materials for the plastics and lacquer-paint industries. The technological advantage of electrochemical synthesis is that it can be effected at ordinary temperatures and pressures. The present study is a follow-up of a previous report by the same team (Ref. 7: Tr. MKhTI, XXXII, 165, 1961) on the electrochemical reduction of nitrocyclohexane, in which cyclohexylhydroxylamine was formed as an intermediate product, the yield depending on the catalyte acidity and current density. The catalyte was a solution

Card 1/2

KHOMYAKOV, V. G.; PIOSHIN, M. Ya.; AVRUTSKAYA, I. A.; SEDOVA, S. S.

Electrochemical reduction of nitrocyclohexane in an aqueous medium. Zhur. VKHO 7 no.5:584-585 '62. (MIRA 15:10)

1. Moskovskiy khimiko-tehnologicheskiy institut imeni D. I. Mendeleyeva,

(Cyclohexane) (Reduction, Electrolytic)

FIOSHIN, M.Ya.; TOMILOV, A.P.; AVRUTSKAYA, I.A.; KAZAKOVA, L.I.;
YESKIN, N.T.; GROMOVA, G.A.

Means of synthesizing diols. Zhur. VKHO 8 no.5:600 '63.
(MIRA 17:1)

1. Moskovskiy khimiko-tehnologicheskiy institut imeni
D.I. Mendelejeva.

AVRUTSKAYA, I.A.; KHOMYAKOV, V.G.; FIOSHIN, M.Ya.

Polarographic analysis of cyclohexylhydroxylamine in the
presence of nitrocyclohexane. Zav. lab. 30 no.1:28-29
'64. (MIRA 17:9)

1. Moskovskiy khimiko-tehnologicheskiy institut.

KRIVENKO, Mikhail Grigor'yevich; AVRUTSKIY, Abram Lazarevich; KULICHIKHIN,
N.I., prof., doktor tekhn.nauk, sotsuzhennyj deyatel' nauki,
retsentsent, rad.; ROZHNOV, I.S., doktor geol.-miner.nauk, reisen-
sent; YEDOKOVA, M.L., red.izd-va; ISLENT'YEVA, P.G., tekhn.red.

[Guidebook for drillers specializing in cable drilling] Spra-
vochik mastera udarno-kanatnogo burenija. Moskva, Gos.nauchno-
tekhn.izd-vo lit-ry po gornomu delu, 1959. 262 p.

(MIRA 13:3)

(Boring)

AVRUTSKIY, Abram Lazarovich; VOLKOV, S.A.; DEM'YANOVA, Ye.A.; KRIVENKO,
M.G.; LYUBIMOV, N.I.; MEROZOV, V.I.; TOKAREV, I.A.; VOZDVIZHENSKIY,
B.I., prof., doktor tekhn.nauk, otv.red.; SINYAGINA, Z.A., red.
izd-va; PROZOROVSKAYA, V.L., tekhn.red.; SHKLYAR, S.Ya., tekhn.red.

[Handbook for core drillers] Spravochnik mesta kolonkovogo
bureniia. Mostva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu
delu, 1960. 528 p.
(Core drilling)

AVRUTSKAYA, L.A., FICSHIN, M.Ye.

Effect of cyclohexylhydroxylamine on the polarographic reduction
of nitrocyclohexane. Elektrokhimiia 1 no.12:1491-1494 D '65.
(MIRA 1981)

I. Moskovskiy khimiko-tehnologicheskiy institut imeni D.I.
Mendelyeva. Submitted March 31, 1965.

AVRUTSKIY, D.B.

30306

Pyeryevod lityeynogo tsyekha na parallyel' no - potochnyyx ryeshim raboty. (Pryesnyen. mashinostroit. zavod). Nekhanizatsiya trudoyemkikh i tyazhyelykh rabot, 1949, No 9,
s. 43-47

SO: LETOPIS' No. 34

AVRUTSKIY, G. I. (Eng.); and BORISEVICH, V. N. (Eng.)

XX. "Mechanization of Dynamic Balancing of Instrument and Power-unit Rotors," Automation and Mechanization of Production Processes in Instrument Manufacturing,
Moscow, Mashgiz, 1958. 591 p.

PURPOSE: This book is intended for engineers, technicians, and scientific personnel concerned with mechanization and automation of production processes in instrument manufacturing, and for students and teachers of this subject in vuzes.

AVRUTSKIY, G. Ya., Cand of Med Sci -- (disc) "On the clinic of readmission and the peculiarities of the course of schizophrenia with a predominance of states of delirium." Moscow, 1957, 16 pp (First Moscow Medical Institute im I. M. Sechenov), 200 copies (KL, 35-57, 108)

AVRUTSKIY, G.Ya., kand.med.nauk (Moskva)

Excitation of mental patients and its treatment. Fel'd. i akush.
23 no.9:19-25 S'58 (MIR 11:10)
(MENTAL ILLNESS)

BANSHKIKOV, V.M., prof.; AVEUTSKIY, G.Ya., starshiy nauchnyy sotrudnik

First All-Russian Conference of Junior Neuropathologists and Psychiatrists. Zdrav.Ros.Fed. 3 no.10:32-34 O '59. (MIRA 13:1)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo instituta psichiatrii Ministerstva zdravookhraneniya RSFSR (iir. - prof. V.M. Banshchikov).

(NEUROPSYCHIATRY--CONGRESSES)

AVRUTSKIY, G.Ya., kand. med. nauk. (Moskva)

States of excitation in certain acute somatic infections and intoxications and their control. Vsel'd i akush. 24 no.2:17-22 Fe '59.
(PSYCHOSES) (NIRA 12:3)

AVRUTSKIY, G.Ya.; KAMINSKAYA, V.M.

Clinical and electroencephalographic studies of the paranoid form
of schizophrenia during remission. Zhur. nevr. i psikh. 59 no.5:
569-574 '59.
(MIRA 12:7)

1. Klinika pogranichnykh sostoyaniy (zav. - dotsent D.Ye. Melekhov)
i laboratoriya funktsional'noy diagnostiki (zav. - doktor meditsinskikh
nauk E. S. Tolmackaya) Nauchno-issledovatel'skogo instituta psik-
hiatrii (dir. - prof. V.M. Banshchikov) Ministerstva zdravookhraneniya
RSFSR, Moskva,

(ELECTROENCEPHALOGRAPHY, in var. dis.

paranoid schizophrenia during remission (Rus))

(SCHIZOPHRENIA, physiol.

MEG of paranoid form during remission (Rus))

AVRUTSKIY, Grigoriy Yakovlevich

[Emergency care in mental illness] Neotlozhnaya pomoshch' pri
psikhicheskikh zabolеваний. Moskva, Medgiz, 1960. 87 p.
(MIRA 13:12)

(MENTAL ILLNESS)

AVRUTSKIY, G.Ya., kand.meditinskikh nauk (Moskva)

Preventive treatment in some mental diseases. Fel'd. i akush. 25
no.8:12-17 Ag 60. (MIRA 13:8)
(MENTAL ILLNESS)

FEDOTOV, D.D., prof., otv. red.; ROKHLIN, L.L., prof., zam. otvet. red.; TARASOV, G.K., dots., red.; AVRUTISKII, G.YA., red.; BORINEVICH, V.V., red.; ZIK, N.N., red.; ZELEVA, M.S., red.; RAVKIN, I.G., red.; REMEZOVA, Ye.B., red.; TSUTSUL'KOVSKAYA, M.Ya., red.; ENTIN, G.M., red.; BORINEVICH, V.V., otv. za vypusk

[Modern methods of treating mental illness; methodological materials for aiding the practicing physician] Sovremennye metody lecheniya psichicheskikh zabolevanii; metodicheskie materialy v pomooshch' prakticheskому vrachu. Pod red. L.L.Rokhlina i G.K.Tarasova. Moskva, 1961. 67 p. (MIRA 15:1)

1. Moscow. Gosudarstvennyy nauchno-issledovatel'skiy institut psikiatrii.

(MENTAL ILLNESS) (PSYCHOPHARMACOLOGY)

AVRUTSKIY, G.Ya., kand.med.nauk

First aid in some psychical diseases. Med. sestra 20 no.8:39-43
Ag '61. (MIRA 14:10)

1. Iz Nauchno-issledovatel'skogo instituta psichiatrii Ministerstva
zdravookhraneniya RSFSR, Moskva.
(MENTAL ILLNESS)

AVRUTSKIY, G.Ya.

Some unfavorable aspects of aminazine action on the symptoms and
the course of schizophrenia. Trudy Gos.nauch.-issl.inst.psikh.
35:86-100 '62. (MIRA 16:2)

1. Otdeleniyu psikhotov pozdnego vozrasta (zav. otdeleniyem -
prof. S.G. Zislin) i otdeleniye psikhofarmakologii (zav.
otdeleniyem kand.med.nauk G.Ya. Avrutskiy) Gosudarstvennogo
nauchno-issledovatel'skogo instituta psichiatrii.
(CHLORPROMAZINE) (SCHIZOPHRENIA)

AVRUTSKIY, G.Y.

Effectiveness of tofranil (imizine). Zhur. nevr. i psikh.
62 no.2:197-201 '62. (MIRA 15:6)

1. Klinika vozrastnykh psikhozov (zav. - prof. S.G. Zhislina)
Nauchno-issledovatel'skogo instituta psichiatrii (dir. - prof.
V.M. Banshchikov) Ministerstva zdravookhraneniya RSFSR, Moskva.
(IMIPRAMINE)

AVRUTSKIY, G.Ya.; GUROVICH, I.Ya.

Some problems concerning the use of stelazine in clinical
treatment of schizophrenia. Trudy Gos.nauch.-issl.inst.psikh.
35:199-209 '62. (MIRA 16:2)

1. Otdeleniye psikhozov pozdnogo vozrasta (zav. otdeleniyem -
prof. S.G. Zhislin) i otdeleniye psikhofarmakologii (zav. otde-
leniyem - kand.med.nauk G.Ya. Avrutskiy) Gosudarstvennogo nauchno-
issledovatel'skogo instituta psichiatrii i Moskovskaya kliniche-
skaya psikhoneurologicheskaya bol'nitsa No.4 imeni Gannushkina
(glavnnyy vrach bol'nitsy - V.N. Rybalka).
(SCHIZOPHRENIA) (STKLAZINE)

AVRUTSKIY, G. Ia.

New class of neuroleptic substances - butyrophenone derivatives.
Trudy Gos.nauch.-issl.inst.psikh. 35:363-371 '62.
(MIRA 16:2)

(AUTONOMIC DRUGS) (BUTYROPHENONE)

AVRUTSKIY, G. Ya.

Treatment of schizophrenia with haloperidol. Zh. nevropat.,
psichiat. Korsakov 63 no.3:418-423 '63 (MIRA 17:1)

1. Klinika psichozov pozdnego vorraata (zav. - prof. S.G.
Zhislis) i klinika psichofarmakologii (zav. - kand. med. nauk
G. Ya. Avrutskiy) nauchno-issledovatel'skogo instituta psichiat-
rii (dir. .. prof D.D. Fedotov) Ministerstva zdravookhraneniya
RSFSR, Moskva.

AVRUTSKIY, Grigoriy Yekovlevich; KISELEV, A.S., red.

[Modern psychotropic drugs and their use in the treatment of schizophrenia] Sovremennye psikhotropnye sredstva i ikh primeneniye v lechenii shizofrenii. Moskva, Izd-vo "Meditaina," 1964. 301 p. (MIRA 17:5)

FEDOTOV, D.D., prof., otv. red. SEGAL, B.M., zam. otv. red.; AVERBAKH, Ya.K., red.; AVRUTSKIY, G.Ya., red.; ALEKSANDROVSKIY, Yu.A., red.; BALASHOVA, L.N., red.; BELKIN, A.I., red.; GUROVICH, I.Ya., red.

[Problems of exogenous and organic neuropsychic disorders; materials of the scientific conference of the State Scientific Research Institute of Psychiatry of the Ministry of Public Health of the R.S.F.S.R. March 1964] Voprosy ekzogennykh i organiceskikh nervno-psikhicheskikh rasstroistv; materialy nauchnoi konferentsii Gosudarstvennogo nauchno-issledovatel'skogo instituta psikiatrii MZ RSFSR. Mart 1964. 164 p. No.2. 1964. 164 p. (MIRA 17:9)

1. Moscow. Gosudarstvennyy nauchno-issledovatel'skiy institut psikiatrii. 2. Direktor Gosudarstvennogo nauchno-issledovatel'skogo instituta psikiatrii Ministerstva zdravookhraneniya RSFSR (for Fedotov). 3. Otdel psikhozov pozdnego vozrasta Gosudarstvennogo nauchno-issledovatel'skogo instituta psikiatrii Ministerstva zdravookhraneniya RSFSR (for Belkin). 4. Otdel ekzogennykh nervnopsikhicheskikh rasstroistv Gosudarstvennogo nauchno-issledovatel'skogo instituta psikiatrii Ministerstva zdravookhraneniya RSFSR (for Segal). 5. Gosudarstvennyy nauchno-issledovatel'skiy institut psikiatrii Ministerstva zdravookhraneniya RSFSR (for Averbakh).

AVRUTSKIY, M.Ya.

Apparatus for simultaneous aspiration of air from both pleural cavities in bilateral pneumothorax [with summary in English]
Eksper.khir. 3 no.4:52-53 Jl-Ag '58 (MIRA 11:9)

1. Iz Instituta khirurgii imeni A.V. Vishnevskogo (dir. - deyatvitel'nyy chlen AMN SSSR prof. A.A. Vishnevskiy) AMN SSSR.
(PNEUMOTHORAX, ARTIFICIAL, appar. & instruments
appar. for simultaneous aspiration of air from both pleural cavities in bilateral pneumothorax (Rus))

SHISHKIN, V.P.; AVRUTSKIY, N.Ya.

Significance of intrasplenic pressure in the clinical picture of portal hypertension [with summary in English]. Vest. khir. 80 no.2:53-58 F '58. (MIRA 11:3)

1. Iz 1-go khirurgicheskogo otdeleniya (zav.-prof. N.I.Krakovskiy) i rentgenovskogo otdeleniya (zav.-prof. P.N.Mazayev) Instituta khirurgii im. A.V.Vishnevskogo AMN SSSR. Adres avtorov: Moskva, B. Serpukhovskaya, d.27, kor.n.5, Institut khirurgii im. A.V.Vishnevskogo. (HYPERTENSION, PORTAL, exmer.

intrasplenic pressure determ. by phlebotonometry in dogs (Rus)

(SPLEEN, blood supply

intrasplenic pressure determ. by phlebotonometry in portal hypertension in dogs (Rus)

AVRUTSKIY, M.Ya.

Comparison of portal and intrasplenic pressure under experimental
conditions. Eksper. khir. 5 no. 5:36-39 '60. (MIRA 14:1)
(PORTAL VEIN) (SPLEEN)

KRAKOVSKIY, N.I., prof.; AVRUTSKIY, M.Ya.

"Acute suppurative surgical diseases" by B.M.Khromov. Reviewed
by N.I.Krakovskii, M.IA.Avrutskii. Med. sestra 20 no.1:58-59 Ja
'61. (MIRA 1413)

(SUPPURATION)
(KHROMOV, B.M.)

DARBINYAN, T. M.; PONTOY, V. F.; KHARNAS, S. Sh.; AVRUTSKIY, M. Ya.;
VINITSKAYA, R. S.

General deep hypothermia in heart surgery. Eksper. khir. i anest.
no.2:51-58 '6?.

(MIRA 15:6)

1. Iz Instituta khirurgii imeni A. V. Vishnevskogo AMN SSSR
(direktor - deystvitel'nyy chlen AMN SSSR, prof. A. A.
Vishnevskiy)

(HEART--SURGERY) (HYPOTHERMIA)

KONIKOVA, A. S.; KHIRNAS, S. Sh.; BABSKAYA, Yu. Ye.; POGOSOVA, A. V.;
AVRUTSKIY, M. Ya.

Metabolic change in deep hypothermia. Ekever. khir. i anest.
no.2:58-62 '62. (MIRA 15:6)

1. Iz Instituta khirurgii imeni A. V. Vishnevskogo (dir. -
deystvitel'nyy chlen AMN SSSR prof. A. A. Vishnevskiy) AMN SSSR.

(HYPOTHERMIA) (METABOLISM)

Belarus, Minsk, 1990, Ministry of Health

Letter from the rehabilitation center of the ministry of
anesthesiology. Voen-medichir. no. 14/051-166.

(MIRA 1810)

AVRYUTIN, M.L.,inzh.; GLUKHOVSKOY, K.A.,inzh.; KRONROD, A.K.,inzh.

Experimental large-panel lightweight concrete houses. Biul.
tekhn.inform. 5 no.2:3-7 F '59. (MIRA 12:4)
(Leningrad--Apartment houses) (Lightweight concrete)

AVRUTSKIV, P.I., inzh.

Automatic control of a system of ground-type push conveyors
used in multiple article assembling. Mekh. i avtom. proizv.
19 no.4:31-34 Ap '65. (MIRA 18:6)

COUNTRY : USSR
CATEGORY : Farm Animals.
SUB-CAT.: Small Horned Cattle.
ART. JOUR. : RZhBiol., No. 3, 1959, No. 12022
AUTHOR : Avsagzhanov, G. S.
INSTN. : Institute of Animal Morphology AS USSR
TITLE : The Changes of Skin Structure and Wool Quality
in Sheep Kept on Pastures Throughout the
Entire Year.
ORIG. PUB. : Tr. Kh-ta morfol. zhivotnykh AN SSSR, 1957,
vyp. 19, 103-132
ABSTRACT : The best growth of skin and wool as well as of
the organism as a whole occurred during nursing,
at the ages of 6-9 months (fall, beginning of
winter), and at the ages of 12-18 months, time-
periods which coincide with better feeding con-
ditions. During the course of intensive skin
and wool growth, the structure of collagen clus-
ters became improved but when the organism
weakened it became reduced, a fact which con-
ditioned an unevenly distributed toughness of

CARD: 1/2

46

ART. JOUR. : RZhBiol., No. 1959, No.
AUTHOR :
INSTN. :
TITLE :

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000102620012-7"

ORIG. PUB. :

ABSTRACT : the skin. The density of the wool increased
beginning at the moment of birth until 3
months of age were reached at the expense of
a new hair formation from rudiments but then
it decreased since the reserves of hair rudi-
ments had been used up and the skin area had
increased. The method of examining biopsied
skin spots may be used for early selection of
lamb according to the density of their fleece.

CARD: 2/2

ANATRASOV, A.

Productivity of kok-saghyz plants with large-sized roots. G. B. NIKONOV and A. H. ANTRASOV (Proc. Lenin Acad. Agr. Sci. U.S.S.R., 1947, No. 1, 16-40; Hort. Abz., 1947, 47, 187). Trials were carried out with a selection of kok-saghyz No. 48, sown in rows without spacing. This rendered increase in size of the roots, yet the roots were significantly larger and the yield of rubber higher in comparison with improved selections. Moreover, No. 48 ripens late, and is characterized by an unusual increase in size of roots in the rubber. It is thus recommended for those regions where kok-saghyz, when grown as one-year plants, can not be harvested early. Four references are given.

125832

AVSHARHANOV, M.
1/10 d.

Planting

Germination in the field of kab-saghis seeds.
A. C. AVSHARHANOV. Agronomie Soviétique, 1919,
6, No. 6, 61 ff; Chem. Zeits., 1919, 120, 261;
Rev. Géol. Russ., 1920, 27, 46. By sowing in
spring an average of 27.7% of the seeds develop
into plants. Humidity is an important factor.
1226.612

1960

AVSARAGOV, B.G.; N.GIRNYAK, F.I.; STEPANOV, B.A.

Ways to increase the complete utilization of copper and copper-zinc
pyrites of the Southern Urals. TSvet. met. 34 no. 4:1-3 Ap '61.
(MIRA 14:4)

(Ural Mountains—Pyrites)

KAPUSTIN, B.N., glav. inzh.; GVOZDEV, T.T., glav. inzh.; GRIGOROVICH, V.D., inzh.; KONDRAZHENKO, A.A., inzh.; ABADYEV, Yu.A., inzh.; RYADNOV, A.A., inzh.; YEGORYCHEV, V.I., inzh.; SHMEL'KIN, B.A., inzh.; MARSHUTIN, S.F., inzh.; KHODZHABARONOV, K.G., inzh.; FEDOSOVA, Ye.M., tekhnik; OSIN, V.I., tekhnik; SEMENOVA, Ye.P., tekhnik; AVSARAGOVA, G.A., tekhnik; PASHKEYEV, D.A., inzh.; KAPUSTIN, V.N., inzh.; NAGOROV, L.A., inzh.; IONOV, I.T., inzh.; KOPEYKINA, L.M., inzh.; TELEPNEVA, T.P., tekhnik; CHAKURIN, Zh.G., tekhnik

[Album of the mechanization of labor-consuming processes in stockbreeding] Al'bom mekhanizatsii trudoemkikh protsessov v zhivotnovodstve. Moskva, Izd-vo Giprosel'khoza. No.4. [Equipment and supplies for the mechanization of labor-consuming processes on livestock farms] Oborudovanie i inventar' dlia mekhanizatsii trudoemkikh protsessov na zhivotnovodcheskikh fermakh. 1959 [cover: 1961. 229] p. (MIRA 15:7)

1. Gosudarstvennyy institut po proyektirovaniyu sel'skokhozyaystvennykh s'oruzheniy (for Kapustin, Grigorovich, Kondrashenko, Abadeyev, Ryadnov, Yegorychev, Shmel'kin, Marshutin, Khodzhabaronov, Fedosova, Osin, Semenova, Avsara-gova).

(Continued on next card)

KAPUSTIN, B.N.---(continued). Card 2.

2. Respublikanskiy gosudarstvennyy institut po proyektirovaniyu sovkhoznogu stroitel'stva (for Gvozdev, Pashkeev, Kapustin, V.N., Nagorov, Ionov, Kopeykina, Telepneva, Chakurin).

(Agricultural machinery)

LYUBIMOV, K.N.; ORLOV, B.M.; AVSHAROV, G.A.

Drafting boards from panels with chip filling. Der. prom. 13
no.6:22 Je '64. (MIRA 17:6)

1. Proyektno-konstruktorskoye byuro Glavnogo upravleniya
bytovogo obsluzhivaniya naseleniya pri Sovete Ministrov RSFSR.

AUTHORS: Avsarkisova, A. I., and Shishniashvili, M. Ye. 20-3-35/59

TITLE: Concentrated Ascangel (Obogashchennyi askangel').

PERIODICAL: Doklady AN SSSR, 1958, Vol. 118, Nr 3, pp. 540-542 (USSR)

ABSTRACT: Ascangel is one of the most characteristic representatives of true bentonites in the USSR (Askani Mine, Makharadze District, Georgian SSR). Its highly disperse fraction is a typical alkaline montmorillonite. Because of its properties this mineral plays an important rôle in the technique of trial borings. The isolation of colloidal fractions of ascangel is of great importance also for the following industries: foundry-, soap-, rubber-, paper-, ceramic-, varnish- and color-, building material-, weaving-, perfume-, pharmaceutical, and many other industries (ref. 6,8). The coarsely disperse fractions of ascangel (contents approximately 30%) exert a negative influence on the colloidal properties of suspension. It sediments in the case of small concentrations (3,5 - 4 %). With increasing concentration (5 - 8 %) the mechanical resistance of the system increases only slowly and the tixotropic properties decrease. The influence of stabilizing and peptizing reagents on coarsely

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Concentrated Ascangel

20-3-35/59

and highly disperse fractions shows very different results. Therefore the properties of the suspensions with coarsely disperse fractions can be regulated only with difficulties. Thus, the problem of a suited raw material for colloidal bone suspensions is solved by the isolation of highly disperse fractions of ascangel. The present methods are in-sufficient. Since the chlorine salts of 2- and 3-valent cations are the most aggressive electrolytes (ref. 9) there is possibility of separating suspension phases of ascangel with small concentration of the electrolyte by means of the usual industrial centrifuges (up to 3000 rev/min.) in a productive way. BaCl_2 -solution was used as precipitator. After the separation of the dispersion medium a paste of the highly disperse fractions was formed. The paste was peptized with Na_2SO_4 in order to restore its colloidal properties. The obtained product, analogous to the American Akvazhel was called "enriched ascangel". Separation of the coarsely disperse fractions (31 %) from a diluted ascangel-suspension was achieved by a vertical centrifuge. In order to avoid the formation of barium carbonate the suspension was first acidified with HCl to pH 6. The peptized paste had a pH = 6,8.

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Concentrated Ascangel

20-3-35/59

Water suspensions of enriched ascangel show highly tixotropic properties which they retain within a wider range of concentration than the formerly used ascangel preparation "Askankoll" (fig. 2). The suspensions of the new preparations are durable and can be used in the above industries as active interstitial, binding, adhering, and suspending material, plastificator, fat substitute, etc. There are 2 figures, 1 table, and 11 references, all of which are Slavic.

ASSOCIATION: Institute for Chemistry, AN Georgian SSR
(Institut khimii Akademii nauk GruzSSR).

PRESENTED: July 10, 1957, by V. A. Kargin, Academician

SUBMITTED: July 6, 1957

AVAILABLE: Library of Congress

Card 3/3

SOV/69-21-3-23/25

5(4)

AUTHORS: Shishniashvili, M.Ye. and Avsarkisova, A.I.

TITLE: Obtaining and Investigating the Thixotropic Qualities of a Suspension of Highly Dispersed Ascangel Particles

PERIODICAL: Kolloidnyy zhurnal, 1959, Vol XXI, Nr 3, pp 364-369
(USSR)

ABSTRACT: The authors report on a number of experiments intended to isolate a highly disperse phase of finely fractured (particles $<1\mu$) ascangel (bentonite) with the aid of a weak concentration of an electrolyte and to restore the colloidal properties of the substance by reverse peptization. For their experiments the authors used highly efficient industrial centrifuges (2,000-3,000 rpm), with the aid of which the preliminary sedimentation of coarse particles ($>1\mu$) was also carried out. As electrolyte the authors used BaCl_2 . Due to its higher absorption energy, Ba^{2+} substituted Na^+ ,

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Obtaining and Investigating the Thixotropic Qualities of a Suspension of Highly Dispersed Ascangel Particles

which had been adsorbed on the ascangel particles. The suspension lost its stability and syneresis could be observed. After separation of the dispersing medium from the substance, a paste of highly dispersed ascangel particles was obtained. This intermediate product was called by the authors "coagulation paste". In order to restore the colloidal properties of the substance, the paste was peptized with Na_2SO_4 , as a result of which Na^+ substituted Ba^{2+} . Due to the formation of the sparingly-soluble BaSO_4 the exchange reaction, practically, continued to the end. The obtained product, which is similar to the American aquagel, was called "enriched ascangel". The results of the investigation can be summarized as follows. It is possible to isolate highly dispersed ascangel particles with the aid of small quantities of BaCl_2 (25 mg-equ/100 g, or 2.5% of the

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Obtaining and Investigating the Thixotropic Qualities of a Suspension of Highly Dispersed Ascangel Particles

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weigh^t of ascangel). The separation of the phases of such a suspension is possible in a centrifuge (1,500 - 3,000 rpm) or by means of vacuum filtration. Coarse ascangel particles, which constitute about 30% ascangel in the natural state, can be separated from a dilute suspension (~2.5%) in a vertical sedimenting centrifuge (1,620 rpm) of high capacity. Colloidal properties can be restored to the paste by the use of Na_2SO_4 in stoichiometric proportion to the initially added BaCl_2 . The obtained colloidal product represents a highly disperse fracture of true alkaline bentonite (ascangel). Suspensions of "enriched ascangel" are characterized by considerable fluidity and thixotropy. It can be used therefore, for the preparation of highly disperse drilling suspensions and for other purposes. The authors mention

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Obtaining and Investigating the Thixotropic Qualities of a Suspension of Highly Dispersed Ascangel Particles

the Soviet scientists I.N. Antipov-Karatayev, K.K. Gedroits, S.Ya. Veyler and F.A. Rebindier. There are 3 graphs, 5 tables and 17 Soviet references.

ASSOCIATION: Institut khimii AN Gruz. SSR - Laboratoriya kolloidnoy khimii, Tbilisi (Institute of Chemistry of the AS Gruzinskaya SSR - Laboratory of Colloid Chemistry, Tbilisi)

SUBMITTED: 9 October, 1957

Card 4/4

F V S A R K I S O V A , A . I .

JUN 25 1963

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SOV/6195

PHASE I BOOK EXPLOITATION

Nauchnaya konferentsiya institutov khimii Akademiy nauk Azerbaydzhanskoy, Artyanskoy i Gruzinskoy SSR. Yerevan, 1957.

Materialy nauchnoy konferentsii institutov khimii Akademiy nauk Azerbaydzhanской, Армянской и Грузинской ССР (Materials of the Scientific Conference of the Chemical Institutes of the Academies of Sciences of the Azerbaijan, Armenian, and Georgian SSR) Yerevan, Izd-vo AN Armyanskoy SSR, 1962. 396 p. 1100 copies printed.

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PURPOSE: This book is intended for chemists and chemical engineers, and may be useful to graduate students engaged in chemical research.

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Materials of the Scientific Conference (Cont.)

SOV/6195

COVERAGE: The book contains the results of research in physical, inorganic, organic, and analytical chemistry, and in chemical engineering, presented at the Scientific Conference held in Yerevan, 20 through 23 November 1957. Three reports of particular interest are reviewed below. No personalities are mentioned. References accompany individual articles.

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